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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XIII, No. 2 HELENA INDEPENDENT-RECORD HELENA, MONTANA **FEBRUARY, 1965**

Production of crude oil and condensate from the oil and gas areas of Montana for the month of February 1965, averaged 84,306 barrels daily, an increase of 1,860 barrels from the average January production of 82, 446.

The nine refineries in state processed 90,235 barrels of crude oil daily for the month of February, 1965, a decrease of 2,596 farrels from the 92,831 barrels processed daily during the month of January, 1965.

During February, 20 wells were completed, 11 oil, 0 gas wells and 9 dry holes.

During February, the commission issued 18 permits to drill new wells, a decrease of 14 from 32 permits issued during January.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF FEBRUARY, 1965

IN STORAGE FEBRUARY 1st:	
By Producers	379,744
By Transporters	920,233
By Refiners	503,520
TOTAL STORAGE	1,803,497
Produced in Montana During Month	2,360,587
Imported During Month	1,611,615
TOTALS	5,775,699
DISPOSITION:	
Refined in Montana	2,526,589
Exported	1,291,694
Used for Fuel or Lost	10,296
TOTAL	3,828,579
IN STORAGE FEBRUARY, 28th:	
By Producers	376,227
By Transporters	978,152
By Refiners	592,741
TOTAL STORAGE	1,947,120

NATURAL GAS WITHDRAWALS IN MONTANA

Month of February, 1965

Field	M Cu. Ft.
Bears Den	0
Big Coulee	122,935
Bowdoin	286,275
Bowes	58,875
Cabin Creek	75,727
Cedar Creek	411,360
Cut Bank (Including Reagan)	699,010
Devon	0
Dry Creek	175,770
Elk Basin	19,086
Flat Coulee	0
Gold Butte	0
Golden Dome	0
Grandview	0
Hardin	1,258
Keith Block	280,286
Kevin Sunburst	79,164
Middle Butte	11,225
Mount Lili	957
Pine	53,230
Plevna	11,981
Utopia	108,427
Whitlash	83,220
Miscellaneous	38,695
TOTAL	2,517,481

Total withdrawals for February, 1964 were 2,408,844

PRODUCERS REPORT—MONTH OF FEBRUARY, 1965

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
1	Ash Creek	4	411	2,183	.....	2,199	.....	395
4	Bannatyne	8	645	778	.....	195	.....	1,228
1	Bascom	1	82	136	.....	.....	.....	218
5	Bear's Den	6	1,259	2,307	.....	1,921	.....	1,645
1	Belfry	1	458	237	.....	542	.....	153
1	Benrud	1	507	909	470	.....	.....	946
1	Benrud East	1	983	11,421	11,524	.....	.....	880
1	Benrud Northeast	1	1,101	13,799	14,182	.....	.....	718
8	Big Wall	24	1,943	17,327	17,273	.....	.....	1,997
6	Blackfoot	10	1,754	4,440	1,923	2,448	.....	1,823
...	Bloomfield	.....	459	.....	.....	.....	175	284
1	Border	1	206	164	.....	164	.....	206
1	Bowes	61	4,351	11,548	11,509	.....	.....	4,390
3	Bradley	3	1,036	986	812	.....	.....	1,210
1	Bredette North	1	123	43	.....	.....	.....	166
2	Cabin Creek	110	8,862	244,365	235,189	.....	.....	18,038
12	Cat Creek	82	2,658	16,709	16,509	.....	483	2,375
1	Clark's Fork	1	54	81	.....	.....	.....	135
1	Clark's Fork North	1	1,313	166	.....	99	1,077	303
3	Conrad South	3	833	922	1,064	.....	.....	691
1	Cupton	1	1,115	692	.....	.....	.....	1,807
149	Cut Bank	1,025	109,067	162,411	160,507	3,457	1,371	106,143
3	Deer Creek	4	1,497	4,100	2,761	.....	.....	2,836
1	Delphia	1	98	488	.....	395	.....	191
...	Devil's Basin	.....	498	.....	.....	.....	.....	498
1	Dry Creek	1	394	6	.....	.....	.....	400
17	Dwyer	18	9,131	37,090	36,696	.....	.....	9,525
9	Elk Basin	65	4,384	268,134	268,610	.....	.....	3,908
1	Elk Basin Northwest	1	1,063	1,611	.....	1,564	.....	1,110
3	Fertile Prairie	3	1,403	3,369	.....	3,414	.....	1,358
23	Flat Coulee	28	4,898	33,527	33,394	.....	.....	5,031
7	Flat Lake	8	3,519	17,594	.....	15,114	182	5,817
2	Frannie	2	.....	1,383	1,383	.....	.....	.....
18	Fred & George Creek	27	1,654	106,249	105,044	.....	.....	2,859
...	Gage	.....	284	.....	.....	.....	.....	284
1	Gage Southwest	1	.....	4,825	4,417	.....	.....	408
4	Gas City	27	8,021	55,696	53,866	1,755	.....	8,096
7	Glendive	11	2,377	27,959	20,823	6,441	.....	3,072
13	Goose Lake	14	4,985	40,417	41,984	.....	.....	3,418
5	Graben Coulee	10	3,567	3,830	2,696	1,250	.....	3,451
...	Grandview	.....	112	.....	.....	.....	.....	112
5	Gypsy Basin	6	3,650	2,235	.....	1,808	1,447	2,630
1	Hibbard	1	280	311	.....	198	.....	393
7	Ivanhoe	14	5,309	26,372	26,389	.....	56	5,236
9	Keg Coulee	22	8,596	21,613	24,504	.....	5	5,700
2	Keg Coulee North	2	1,131	5,936	.....	5,866	.....	1,201
88	Kevin Sunburst	557	16,301	23,845	24,280	.....	.....	15,866
2	Little Beaver	23	3,786	23,430	23,588	.....	.....	3,628
3	Little Beaver East	18	3,622	20,977	22,002	.....	.....	2,597
2	Lodge Grass	2	1,179	2,064	.....	2,204	.....	1,039
3	Lone Tree	3	997	4,701	.....	4,524	.....	1,174
26	Lookout Butte	71	4,073	117,531	118,000	.....	.....	3,604
...	Mackay Dome	.....	770	.....	.....	.....	.....	770
2	Mason Lake	2	573	4,319	4,032	.....	.....	860
2	Melstone	5	1,101	3,033	3,177	.....	.....	957
1	Mineral Bench	1	836	1,601	2,166	.....	.....	271
6	Monarch	14	4,279	12,582	12,795	.....	.....	4,066
3	Mosser	8	.....	583	.....	583	.....	.....
...	Musselshell	.....	300	.....	.....	.....	.....	300
7	Outlook	12	6,102	28,013	27,101	.....	.....	7,014
2	Outlook South	2	1,013	2,822	2,484	.....	.....	1,351
64	Pennel	111	5,197	192,097	193,182	.....	.....	4,112
4	Pine	130	12,767	286,949	286,459	.....	58	13,199
4	Pole Creek	7	1,880	4,967	.....	6,095	.....	752
71	Pondera	318	8,336	29,103	30,025	.....	.....	7,414
5	Poplar East	76	14,833	84,869	85,939	.....	89	13,674
4	Poplar Northwest	5	2,731	1,013	1,637	.....	.....	2,107
6	Ragged Point	17	2,455	6,124	5,923	.....	.....	2,656
4	Reagan	43	3,112	16,081	16,062	.....	.....	3,131
1	Red Creek	19	4,442	29,174	30,052	.....	.....	3,564
1	Redstone	1	801	863	1,159	.....	.....	505
...	Repeat	.....	908	.....	.....	.....	.....	908
5	Richey	7	2,717	905	430	.....	.....	3,192
6	Richey Southwest	7	4,123	10,439	.....	11,374	.....	3,188
4	Sand Creek	5	.....	5,948	5,948	.....	.....	.....
1	Shotgun Creek	1	560	729	.....	1,043	.....	246
5	Sidney-Brorson	5	3,712	1,519	.....	2,142	172	2,917
1	Snyder	3	1,919	110	.....	.....	.....	2,029
5	Soap Creek	9	5,479	4,590	485	3,248	.....	6,336
2	Spring Lake	2	3,414	5,631	.....	6,298	.....	2,747
2	Stensvad	24	5,165	30,389	29,784	.....	.....	5,770
26	Sumatra	80	12,006	82,114	80,516	.....	139	13,465
5	Tule Creek	7	5,452	35,585	37,441	.....	.....	3,596
2	Tule Creek East	2	1,390	18,052	18,947	.....	.....	495
1	Tule Creek South	1	891	1,999	.....	2,378	.....	512
2	Vida	2	1,675	2,520	.....	2,979	.....	1,216
2	Volt	2	1,826	9,173	8,313	.....	.....	2,686
1	Weldon	6	5,533	59,484	.....	61,325	.....	3,692
13	Whitlash	30	8,621	11,291	12,591	.....	532	6,789
...	Whitlash West	.....	140	.....	.....	.....	.....	140
2	Wills Creek South	2	1,860	9,238	9,621	.....	.....	1,477
9	Wolf Springs	16	3,778	12,284	10,513	.....	.....	5,549
4	Woodrow	6	600	6,325	5,973	.....	.....	952
1	Wildcat, Carbon Cty	1	.....	1,096	.....	887	.....	209
1	Wildcat, Glacier Cty	1	418	56	.....	254	.....	220
754		3,276	379,744	2,360,587	2,204,154	154,164	5,786	376,227

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1964	30,647,498	83,965	30,604,009	83,846
January, 1965	2,555,847	82,446	2,543,560	82,050
February, 1965	2,360,587	84,306	2,358,318	84,225

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1964	369,139	933,819	508,411	1,811,369
January, 1965	379,744	920,233	503,520	1,803,497
February, 1965	376,227	978,152	592,741	1,947,120

*Includes Wyoming Oil.

TRANSPORTERS REPORT—MONTH OF FEBRUARY, 1965

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,199				2,199		
BANNATYNE—Truck			195			195			
BEAR'S DEN—Truck			1,921			1,921			
BELFRY—Truck			542				542		
BIG WALL—Glacier Pipeline Co.		17,273				17,273			
BLACKFOOT—Union Oil Co.		1,923				1,923			
Camerland Cardinal Corp.			2,448					2,448	
		1,923	2,448			1,923		2,448	
BORDER—Truck			164			164			
BOWES—Texaco, Inc.		11,509				11,509			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	265,754	684,637	89,666	598,722			1,356,491		282,288
Shell Pipeline Co.	3,038	321,171		153	261			320,923	3,178
	268,792	1,005,808	89,666	598,875	261		1,356,491	320,923	285,466
CAT CREEK									
Glacier Pipeline Co.		15,099				15,099			
CLARK'S FORK—Truck			99				99		
CUT BANK									
Darling Gathering System, Inc.	1,538	5,483						5,097	1,924
Glacier Pipeline Co.			6,515	504,875		511,390			
Phillips Petroleum Co.	71,234	47,795		58,244	1,751	33,657		50,111	91,754
Texas Pipeline Co.	16,383	32,507		9,471	(68)			32,458	25,971
Union Oil Co.	61,179	77,143		18,202	72	91,287			65,165
Western Oil Transportation Co.	22,110	27,593		31,357	276			69,715	11,069
	172,444	190,521	6,515	622,149	2,031	636,334		157,381	195,883
DELPHIA—Truck			395			395			
DWYER—Portal Pipeline Co.		37,069					37,069		
ELK BASIN—									
Marathon Pipeline Co.		268,800				268,800			
ELK BASIN NORTHWEST—Truck			1,564				1,564		
FLAT COULEE—									
Camerland Cardinal Corp.	3,000	33,155						33,155	3,000
FLAT LAKE—Truck			15,114				15,114		
FRANNIE—Marathon Pipeline Co.		1,383					1,383		
FRED & GEORGE CREEK									
Camerland Cardinal Corp.	29,334	99,869				70,630		29,999	28,574
GAGE—Glacier Pipeline Co.		4,417				4,417			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	9,223	39,538			(113)			36,416	12,458
GOOSE LAKE—									
Portal Pipeline Co.		41,900					41,900		
HIBBARD—Truck			198			198			
IVANHOE—Glacier Pipeline Co.		25,177				25,177			
KEG COULEE—									
Glacier Pipeline Co.		17,058				17,058			
KEG COULEE NORTH—Truck			5,866				5,866		
KEVIN SUNBURST—									
Big West Oil Co.	4,539	32,921				34,652			2,808
Homestake Oil & Gas Co.	597	1,269		5,097		6,018			945
Texas Pipeline Co.	8,153	9,393			(123)			9,471	8,198
	13,289	43,583		5,097	(123)	40,670		9,471	11,951
LODGE GRASS—McWood Corp.			2,204			2,204			
LONE TREE—Truck			4,524				4,524		
MASON LAKE—Truck		3,997				3,997			
MELSTONE—									
Glacier Pipeline Co.		3,178				3,178			
MOSSER—Truck			583				583		
POLE CREEK—Truck			6,095				6,095		
PONDERA—Phillips Petr. Co.	17,740	31,170		50,111	201	60,269			38,551
POPLAR, BENRUD, BENRUD EAST, BREDETTE, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT									
East Poplar Gathering System	16,918	241,454			4,706			237,620‡	16,046
RAGGED POINT—									
Glacier Pipeline Co.		5,923				1,421	4,502		
RED CREEK—									
Western Oil Transportation Co.		30,064			309			29,755	
SHOTGUN CREEK—Truck			1,043				1,043		
SIDNEY-BRORSON									
McWood Corp.	4,786		2,142	31,609				33,493	5,044
SOAP CREEK—McWood Corp.	5,097		3,248	2,027		6,836			3,536
SPRING LAKE—Truck			6,298				6,298		
SUMATRA AND STENSVAD—									
Glacier Pipeline Co.	379,610	117,237		36,342	5,414	106,185		43,947	377,643
WHITLASH AND WHITLASH WEST									
Camerland Cardinal Corp.		12,167				12,167			
WOLF SPRINGS—									
Glacier Pipeline Co.		10,519				10,519			
WILDCAT WELLS			1,141			1,141			
TOTALS	920,233	2,309,791	154,164	1,346,210	12,686	1,319,680	1,485,272	934,608	978,152

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF FEBRUARY, 1965

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Tesoro Petr. Corp.	Phillips Petr. Co.	Union Oil Co.	Total
Big Wall				17,273						17,273
Blackfoot									2,736	2,736
Border				164						164
Bowes			1,759					3,832		5,591
Cat Creek		15,099				658				15,757
Cut Bank		113,666						59,590	85,652	258,908
Delphia						216				216
Elk Basin		100,887		68,360	98,847					268,094
Fred & George Creek	29,638									29,638
Gage						340				340
Hibbard						141				141
Ivanhoe					25,177					25,177
Keg Coulee				17,058						17,058
Kevin Sunburst	40,670									40,670
Lodge Grass		2,204								2,204
Mason Lake		3,997				75				4,072
Melstone				3,178						3,178
Pondera								31,561		31,561
Ragged Point		1,421								1,421
Red Creek					41,185	463				41,648
Richey Southwest						37	11,374			11,411
Soap Creek		6,836								6,836
Sumatra & Stensvad		37,368		68,817						106,185
Whitlash	12,167									12,167
Wolf Springs					12,528					12,528
Total Montana Oil	82,475	281,478	1,759	174,850	177,737	1,930	11,374	94,983	88,388	914,974
Canadian Oil Imported		347,671			6,380				2,173	356,224
Wyoming Oil Imported		180,628		298,079	776,417	267				1,255,391
Total Montana, Canadian, and Wyoming Oil	82,475	809,777	1,759	472,929	960,534	2,197	11,374	94,983	90,561	2,526,589

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1964	33,677	10,963	43,051	87,691
February, 1964	34,653	5,823	38,606	79,082
February, 1965	32,677	12,723	44,835	90,235

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1964	38.40%	12.51%	49.09%
February, 1964	43.81%	7.38%	48.81%
February, 1965	36.21%	14.11%	49.68%